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(54) Title: COMBINED DNA/PROTEIN VACCINE COMPOSITIONS

(57) Abstract: The present invention relates to a novel, combined DNA/Protein antigen vaccine composition comprising nucleic acid molecules and a mineral-based, negatively charged adjuvant, so as to enhance the immunogenicity of the DNA vaccine efficiently enhancing not only plasmid DNA vaccines but also providing a novel strategy for immunogenic, multivalent combined protein/DNA vaccine delivery. Preferred adjuvants are aluminium or calcium salts, in particular aluminium phosphate.

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07K A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

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BIOSIS, EMBASE, WPI Data, PAJ, EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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Y	---	4, 6
X	WO 99 30733 A (SMITHKLINE BEECHAM BIOLOGICALS S.A.) 24 June 1999 (1999-06-24) page 9, line 18 - line 24 claims	1-3, 8, 9
X	WO 97 28818 A (THEREXSYS LIMITED) 14 August 1997 (1997-08-14) page 42, line 7 - line 19 claims	1-3, 8, 9
	-/-	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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